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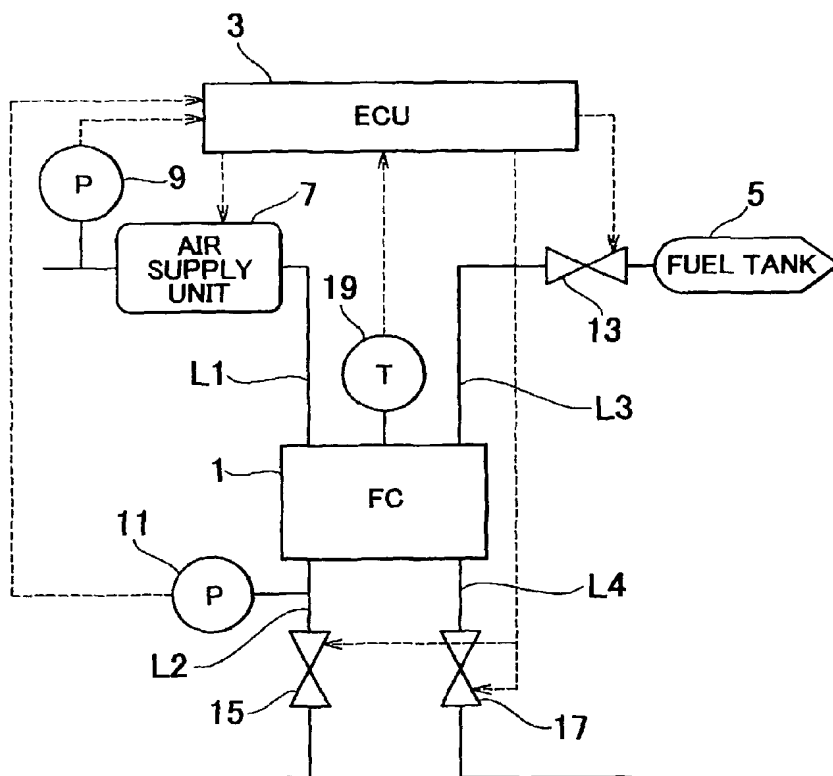
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(54) Title: CONTROL APPARATUS AND CONTROL METHOD FOR FUEL CELL



**(57) Abstract:** A control apparatus for a fuel cell (1), including oxidizing gas supplying means (7) for supplying oxidizing gas to a cathode via an oxidizing gas supply line (L 1); cathode-side gas pressure detecting means (11) for detecting a gas pressure within the oxidizing gas supply line (L 1) or the cathode; hydrogen supplying means (5) for supplying hydrogen to an anode via a hydrogen supply line (L3); target hydrogen partial pressure determining means for determining a hydrogen pressure among a gas pressure within the hydrogen supply line (L3) or the anode; hydrogen supply pressure calculating means for calculating a hydrogen supply pressure of hydrogen to be supplied to the fuel cell (1), based upon the target hydrogen partial pressure and the gas pressure detected by the cathode-side gas pressure detecting means (11); and hydrogen supply control means (13) for supplying hydrogen from the hydrogen supplying means (5) to the fuel cell (1) at the hydrogen supply pressure, and the method thereof.



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